Date: Wed, 17 Nov 93 04:31:06 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V93 #86
To: Ham-Space

Ham-Space Digest Wed, 17 Nov 93 Volume 93 : Issue 86

Today's Topics:

* SpaceNews 15-Nov-93 *
mir on mfj 1278<<help>>

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

Date: Fri, 12 Nov 1993 07:34:36 MST
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!ve6mgs!usenet@nntp.ucsb.edu
Subject: * SpaceNews 15-Nov-93 *
To: ham-space@ucsd.edu

SB NEWS @ AMSAT $SPC1115
* SpaceNews 15-Nov-93 *

BID: $SPC1115

=========
SpaceNews
=========

MONDAY NOVEMBER 15, 1993

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* DOVE RECOVERY BEGUN *

The following is by Jim White, WD0E:

DOVE is up and running on 2 meters. It is sending normal ASCII telemetry and short text bulletins on 145.825. A very quick look at telemetry indicates the s/c is basically healthy.

The team of Bob Diersing, N5HAD, Bill McCaa, K0RZ, and myself have been working very intensively for about 10 days to create and test new software that allowed automated software loading via two meters in a half duplex mode. This replaces the 'ear-ack on s-band' method N4HY had used in the past that was so difficult as to be a barrier to recovery.

We would like to have telemetry reports. Please send them to vk7zbx@KO-23, @ AO-16 or on internet vk7zbx@amsat.org or to me wd0e@amsat.org, or CI$ 71477,546. The most recent version of TLMDCII (3-8-92) will decode and record DOVE telemetry very nicely.

After we are sure the satellite is stable in this configuration and the power targets are established, the next step will be to load up through PHTX and test the voice module. Depending on the condition of the s/c and other issue, this could take several weeks.

It'd like to express sincere thanks to Bob Diersing for all of his hard work creating a RAM loader, and Bill McCaa for the many passes of s-band and two meter receive he provided (often late into the night). It could not have been done without their enthusiastic efforts.

Thanks also to Harold Price, NK6K, for providing the development system hardware, software, and a good deal of coaching. His contribution was invaluable.

Given a reasonably healthy s/c, I'm confident we can make DOVE talk as I described at the AMSAT-NA Space Symposium in Dallas a few weeks ago.

Jim White
wd0e@amsat.org

[Story via PACSAT-OSCAR-16]

* PACSAT-OSCAR-16 STATUS *

PACSAT-1>AMSAT <UI>:
02 November 1993
Monthly WOD collection by week
1) Array currents 2)Temperatures 3)Bus/Battery
AO16 Command Team <WJ9F>

* WEBERSAT-OSCAR-18 NEWS *
==========
WEBER-1>CAST <UI>:

06-NOV-93

*Collecting and Sending WOD

 Week4: Temps & Impact Ch# 14 2F 30 35 3B 40

*New Images

*Monday, New Spectrum

I3/EA2CLS

* LUSAT-OSCAR-19 STATUS *
==========
LUSAT-1>AMARG <UI>:

October 16.

BBS is open.
Directory Broadcast feature is available.
Use PB version 920430p.
Enjoy!.

LU8DYF, LO-19 command station.

* OSCAR 20 SCHEDULE CHANGE *
==========
Effective December 1, 1993, the Fuji-OSCAR 20 satellite will change its digital/analog operating schedule. At present, the satellite functions as a packet BBS every day except Wednesday when it switches to the analog transponder (CW/SSB) mode for approximately 24 hours.

Beginning December 1, at 0843 UTC, OSCAR 20 will be switched to the analog mode (Mode JA) where it will remain for one week. On December 11, at 07:51 UTC, it will be switched back to the digital BBS mode (Mode JD) for one week.

The modes will continus to alternate on a weekly basis until further notice.

The December operating schedule is as follows:

Mode JA-Analog : 01-Dec-93 at 08:43 UTC through 08-Dec-93 at 07:16 UTC
Mode JD-Digital: 08-Dec-93 at 07:16 UTC through 15-Dec-93 at 07:41 UTC
Mode JA-Analog : 15-Dec-93 at 07:41 UTC through 22-Dec-93 at 08:05 UTC
Mode JD-Digital: 22-Dec-93 at 08:05 UTC through 29-Dec-93 at 08:30 UTC (+/-)

OSCAR 20 Frequencies:

Digital Uplink : 145.850, 145.870, 145.890, 145.910 MHz
Digital Downlink: 435.910 MHz

Analog Uplink   : 145.900 to 146.000 MHz
Analog Downlink : 435.800 to 435.900 MHz

The analog transponder inverts uplinked signals. LSB on the uplink becomes USB on the downlink. A signal in the lower portion of the uplink passband appears in the upper portion of the downlink passband.

The decision to change the schedule was made by Toshiyuki Kondoh, JR1NVU, who is in charge of FO-20 operations. By providing a full week of analog transponder time, the OSCAR 20 command team hopes to encourage more hams to use this mode.

The Japan Amateur Radio League offers a "Fuji Award" to any amateur making at least 10 contacts via OSCAR-20 Mode JA. More details on this award will be relayed as they become available from the JARL.

[Info from Fujio Yamashita, JS1UKR, via W1AW and the ARRL]

* AMSAT-OSCAR-21 STATUS *
==========
RUDAK2>BEACON <UI C>:
++ Hi, this is the RUDAK-II experiment on AMSAT OSCAR 21 ++

RUDAK2>BEACON <UI C>:
*****   New Modes ahead   *****
* The current schedule is about to change *
* soon. New TX modes will be installed.   *
* Stay tuned!   73 de RUDAK-Team *

* THANKS! *
==========
Thanks to all those who sent messages of appreciation regarding SpaceNews,

especially:

N3NCS ZS5FR AA6CK G6YPK NF6H F9ZY

* FEEDBACK/INPUT WELCOMED *
==========
Mail to SpaceNews should be directed to the editor (John, KD2BD) via any
of the following paths:

FAX : 1-908-747-7107
PACKET : KD2BD @ N2KZH.NJ.USA.NA
INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD
Department of Engineering and Technology
Advanced Technology Center
Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<=- SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD * /\/\ * Voice : 1-908-224-2948
Advanced Technology Center |/\/\/\| Packet : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |\/\/\/| Internet: kd2bd@ka2qhd.ocpt.ccur.com
Lincroft, NJ 07738 * \/\/ * Morse : -.- -.. ..--- -... -..

Date: 15 Nov 1993 13:26:49 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!gatech!
concert!samba.oit.unc.edu!not-for-mail@network.ucsd.edu
Subject: mir on mfj 1278<<help>>
To: ham-space@ucsd.edu

I have been trying to make contact with Mir on 2m packet but have been
unsuccessful....only a few Mir busy signals
I am using Lan-link 2.2 and the MFJ with standard defaults...is there a way
to fine tune the parameters to make contact with Mir easier???
Any other tips would be welcome too...
73 de ab4vj/terry
terry.murphy@launchpad.unc.edu

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     North Carolina at Chapel Hill, the Campus Office for Information
        Technology, or the Experimental Bulletin Board Service.
           internet: laUNChpad.unc.edu or 152.2.22.80

End of Ham-Space Digest V93 #86
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